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1 PHASE 4B - 3rd FLOOR PLAN - DEMOLITION

PHASE 4B - 3rd FLOOR PLAN - NEW WORK

## GENERAL PIPING NOTES: G

COORDINATE ARCHITECTURAL ICRA BARRIERS/RATED WALLS WITH ALL TRADES. RELOCATE/CAREFULLY MOUNT NEW PIPING AND DEVICES/CONTROL VALVES, ETC. REQUIRING MAINTENANCE/INSPECTION WHICH FALL ABOVE WHERE NEW WORK CONSTRUCTION BARRIERS/ICRA WALLS ARE AS REQUIRED. NEW WORK REQUIRED OUTSIDE OF THE ACTIVE PROJECT PHASE CONSTRUCTION/ ICRA BARRIERS (E.G. ABOVE ACTIVE EGRESS CORRIDOR CEILINGS, ETC.) SHALL BE COORDINATED WITH VAMC/COR AND IS RECOMMENDED TO OCCUR AFTER-HOURS WITH TEMPORARY ICRA ENCLOSURES CONSTRUCTED AND TAKEN DOWN DURING EACH WORK PERIOD TO MINIMIZE DUST/DIRT/DEBRIS IN THESE AREAS. WORK ZONES SHALL BE CLEANED THOROUGHLY FOLLOWING EACH SCHEDULED DEMOLITION EFFORT/WORK DAY. PATCH, SEAL AND FIRESTOP ALL WALL PENETRATIONS FOR PIPING, DUCTWORK, CONTROLS, TUBING, ETC. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

PRIOR TO EVERY PHASE OF THE PROJECT CONSTRUCTION EFFORTS, PERFORM TESTING AND BALANCING TO DOCUMENT AND MAINTAIN HYDRONIC FLOWS OUTSIDE OF THE PROJECT AND ACTIVE PHASE AREAS. DOCUMENT ALL EXISTING PEAK HYDRONIC FLOWS WITHIN THE PROJECT AREA PRIOR TO PROCEEDING TO THE NEXT PHASE.

ALL WORK WITHIN PROJECT AREAS MUST BE COORDINATED WITH OWNER FOR IMPACT TO

WALLS FOR EACH PROJECT PHASE.

AND LOCATIONS OF CONSTRUCTION BARRIERS/ICRA

ADJACENT SPACES. OFF HOUR WORK MUST BE INCLUDED AS REQUIRED TO MINIMIZE ADVERSE IMPACT FROM VIBRATION, NOISE, ODOR, ETC. T ACTIVE/OCCUPIED ADJACENT AREAS. OFF-HOURS WORK REQUIRED WITHIN CORRIDORS AND REGIONS OF THE FLOOR OUTSIDE OF THE MAIN PROJECT AREA MINIMUM HEATING HOT WATER PIPING SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED. COORDINATE FINAL LOCATIONS OF ALL WALL-MOUNTED CONTROLS DEVICES (TEMPERATURE SENSORS, ROOM PRESSURE MONITORS, KEY SWITCHES, PUSH BUTTONS, ETC. WITH ARCHITECTURAL ELEVATIONS, SPECIFICATIONS AND VAMC ENGINEERING PERSONNEL. COORDINATE FINAL LOCATIONS WITH ALL TRADES. VAMC COR SHALL HAVE FINAL APPROVAL OF ALL WALL-MOUNTED

DEVICE LOCATION.

6. CONTROLS CONTRACTOR SHALL COORDINATE ALL LINE VOLTAGE POWER REQUIREMENTS FOR ALL BAS CONTROL PANELS AND SHALL COORDINATE ALL LOW VOLTAGE POWER AND WIRING FOR BAS CONTROL DEVICES, SPACE TEMPERATURE SENSORS, MULTI-TECHNOLOGY OCCUPANCY SENSORS, AIR TERMINAL UNITS (TUS), REHEAT COIL CONTROL VALVES, ETC. AS REQUIRED TO ACHIEVE SEQUENCES OF OPERATION AS INDICATED BY CONTROL DIAGRAMS. COORDINATE CONTROLS WORK WITH ALL TRADES.

CAREFULLY MOUNT ALL EQUIPMENT, VALVES,

CONTROLLERS, ETC. REQUIRING MAINTENANCE/ACCESS/INSPECTION IN ACCESSIBLE LOCATIONS. PROVIDE CEILING ACCESS PANELS IN HARD CEILINGS OR LOCATE ITEMS ABOVE LAY-IN TILE CEILINGS/REMOVABLE TILES AS REQUIRED TO ENSURE ACCESS. REFER TO SPECIFICATIONS FOR ACCESS DOOR TYPES AND REQUIREMENTS. REFER TO AIR TERMINAL UNIT DETAILS AND AIRFLOW CONTROL VALVE DETAILS FOR ACCESS AND PIPING REQUIREMENTS. HEATING HOT WATER PIPING AND CONTROL VALVE ROUTING AND LOCATION SHALL BE CAREFULLY COORDINATED TO ENSURE ACCESS TO AIR TERMINAL UNIT AND AIRFLOW CONTROL VALVE CONTROLS, REHEAT COIL CONTROL VALVE ACTUATOR, ETC. COORDINATE FINAL PIPE ROUTING. AIR TERMINAL UNIT/AIRELOW CONTROL VALVE COIL CONNECTION LOCATIONS/CONTROL ENCLOSURE HAND, ETC. TO MAXIMIZE ACCESS CLEARANCES AND PREVENT BLOCKING DUCT ACCESS DOORS/CONTROL ENCLOSURES, ETC. WITH PIPING, CONDUIT, ETC. COORDINATE WORK WITH ALL TRADES TO ENSURE MAINTENANCE ACCESS/CLEARANCES ARE

MAINTAINED AS SPECIFIED, DETAILED AND PER

MANUFACTURER RECOMMENDATIONS.

**GENERAL DEMOLITION NOTES:** 

COORDINATE ARCHITECTURAL ICRA BARRIERS/RATED WALLS WITH ALL TRADES. RELOCATE EXISTING/ACTIVE DUCTWORK AND DEVICES REQUIRING MAINTENANCE/INSPECTION WHICH FALL ABOVE WHERE DEMOLITION CONSTRUCTION BARRIERS/ICRA WALLS ARE AS REQUIRED. DEMOLITION WORK REQUIRED OUTSIDE OF THE ACTIVE PROJECT PHASE CONSTRUCTION/ICRA BARRIERS (E.G. ABOVE ACTIVE EGRESS CORRIDOR CEILINGS, ETC.) SHALL BE COORDINATED WITH VAMC/COR AND IS RECOMMENDED TO OCCUR AFTER-HOURS WITH TEMPORARY ICRA ENCLOSURES CONSTRUCTED AND TAKEN DOWN DURING EACH WORK PERIOD TO MINIMIZE DUST/DIRT/DEBRIS IN THESE AREAS. WORK ZONES SHALL BE CLEANED THOROUGHLY FOLLOWING EACH SCHEDULED DEMOLITION EFFORT/WORK DAY. PATCH. SEAL AND FIRESTOP ALL WALL PENETRATIONS FOR PIPING, DUCTWORK, CONTROLS, TUBING, ETC. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND LOCATIONS OF CONSTRUCTION BARRIERS/ICRA WALLS FOR EACH PROJECT PHASE.

PRIOR TO EVERY PHASE OF THE PROJECT

CONSTRUCTION EFFORTS, PERFORM TESTING AND BALANCING TO DOCUMENT AND MAINTAIN AIRFLOWS OUTSIDE OF THE PROJECT AND ACTIVE PHASE AREAS. DOCUMENT ALL AIRFLOW AND SPACE PRESSURE/ROOM OFFSETS WITHIN THE PROJECT AREA PRIOR TO PROCEEDING TO THE NEXT PHASE.

ALL WORK WITHIN PROJECT AREAS MUST BE COORDINATED WITH OWNER FOR IMPACT TO ADJACENT SPACES. OFF HOUR WORK MUST BE INCLUDED AS REQUIRED TO MINIMIZE ADVERSE IMPACT FROM VIBRATION, NOISE, ODOR, ETC. TO ACTIVE/OCCUPIED ADJACENT AREAS. OFF-HOURS WORK REQUIRED WITHIN CORRIDORS AND REGIONS OF THE FLOOR OUTSIDE OF THE MAIN PROJECT AREA.

ALL WORK SHALL BE COORDINATED WITH VAMC ENVIRONMENTAL / ABATEMENT CONTRACTOR. SEE SPECIFICATIONS FOR MORE INFORMATION. DESIGN INTENT, UNLESS NOTED OTHERWISE, IS PHASE BY PHASE TO FULLY DEMOLISH ALL EXISTING HVAC AND MECHANICAL TERMINAL EQUIPMENT, FINNED-TUBE PERIMETER RADIATORS, DUCTWORK, PIPING AND BUILDING AUTOMATION/PNEUMATIC CONTROLS WITHIN THE BUILDING 1S PROJECT AREAS AS SHOWN. PROPERLY CAP AND SEAL ALL EXISTING TO REMAIN DUCTWORK AND PIPING TO PREVENT LEAKAGE. CAP AND SEAL ALL EXISTING TO REMAIN/ACTIVE PNEUMATIC CONTROL TUBING MAINS TO PREVENT LEAKAGE OF CONTROL AIR REQUIRED OUTSIDE OF THE PROJECT AREAS. REVIEW WITH VAMC ENGINEERING PERSONNEL/COR ANY DEMOLISHED ITEMS DESIRED TO BE SALVAGED. TURN OVER TO THE VAMC AS DIRECTED BY VAMC COR. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO SPACE TEMPERATURE SENSORS, THERMOSTATS,

HUMIDISTATS, SPACE DDC CONTROL DEVICES, ETC.

THE VAMC MAY WISH TO RE-ASSIGN/RE-USE IN OTHER

5. ACTIVE VERTICAL AND HORIZONTAL PIPE RISERS
OFFSETTING THROUGH THE PROJECT AREAS TO
FLOORS ABOVE /ALONG PERIMETER WALLS AND AT
SELECT COLUMN ENCLOSURES SHALL REMAIN.
REMOVE INSULATION AND REINSULATE EXISTING TO
REMAIN PIPING AS SPECIFIED. INSULATE PRIOR TO
ENCLOSING IN NEW WALLS. IDENTIFY TO VAMC
ENGINEERING PERSONNEL/COR ANY PIPING THAT IS
SUSPECT FOR POOR CONDITION/EXCESSIVE RUST OR
CORROSION/LEAKING, ETC. REPLACE PIPING
SECTIONS DISCOVERED TO BE LEAKING AS
DIRECTED/APPROVED BY VAMC.

AREAS OF THE HOSPITAL.

CONTRACTOR SHALL SURVEY AND VERIFY IN THE FIELD ANY SUSPECTED ABANDONED-IN-PLACE PIPING AND DUCTWORK SYSTEMS AND DEMOLISH WHEREVER POSSIBLE. REVIEW QUESTIONABLE ITEMS WITH VAMC ENGINEERING PERSONNEL/COR PRIOR TO CUTTING, REMOVING OR DEMOLISHING. RELOCATE EXISTING ACTIVE RISERS AS REQUIRED TO CONCEAL/ROUTE THEM WITHIN IN NEW WALLS/COLUMN CLOSURES. SEE NEW WORK PLANS AND COORDINATE WITH ALL TRADES.

BUILDING 1S THIRD FLOOR SURGICAL AREAS ARE SERVED BY MULTIPLE EXISTING AIR HANDLING UNITS/FANS/PUMPS, ETC. COORDINATE PROPER SHUT-DOWN AND PROTECTION OF ALL EXISTING AHU'S, EXHAUST FANS, RATED WALL FIRE DAMPERS,

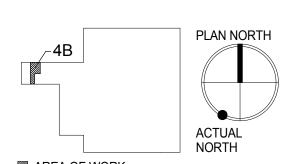
AHU'S, EXHAUST FANS, RATED WALL FIRE DAMPERS, SMOKE DAMPERS, SHAFT AND SHAFT WALL COMBINATION FIRE/SMOKE DAMPERS, ETC. DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION. PROJECT AREAS UNDER PHASED CONSTRUCTION SHALL BE MAINTAINED NEGATIVE WITH RESPECT TO ALL ADJACENCIES AROUND, ABOVE AND BELOW, AT ALL TIMES DURING CONSTRUCTION EFFORTS TO PREVENT THE MIGRATION OF DUST, DEBRIS AND ODORS. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL VAMC ICRA REQUIREMENTS.

## → SHEET KEYNOTES:

DEMOLISH EXISTING/RELOCATED EXHAUST FAN, 1S-EF-11, TEMPORARY OUTDOOR INTAKE WEATHER HOOD/FILTER/BAROMETRIC INTAKE DAMPER ASSEMBLY, NEW UNIT HEATER AND ASSOCIATED T-STAT, INTAKE/EXHAUST LOUVER, ETC. ALLOW VAMC/COR TO SALVAGE ANY ITEMS (EXHAUST FAN, UNIT HEATER, T-STAT, OA INTAKE ASSEMBLY, ETC.) WHEN THE GAS STORAGE MOVES TO NEW/FINAL LOCATION IN PHASE 4A AREA. REPLACE WINDOW IN TEMPORARY LOUVER LOCATION AND SEAL ALL BUILDING EXTERIOR WALL OPENINGS IN ACCORDANCE WITH ARCHITECTURAL DETAILS AND SPECIFICATIONS.

MOUNT AND WIRE NEW ROOM TEMPERATURE

SENSOR AND OCCUPANCY SENSOR AS SHOWN WHEN FITTING OUT ANESTHESIA OFFICE/ADMIN AREA AFTER THE TEMPORARY GAS STORAGE ROOM IS ELIMINATED/GAS STORAGE IS MOVED TO THE COMPLETED PHASE 4A AREA. COORDINATE FINAL MOUNTING LOCATION OF ALL TEMPERATURE AND OCCUPANCY SENSORS WITH VAMC COR BASED ON FINAL FURNITURE PLAN FOR THE SPACES. VAMC COR SHALL APPROVE FINAL TEMPERATURE AND OCCUPANCY SENSOR LOCATIONS. ENSURE EACH OCCUPANCY SENSOR RANGE/VIEW IS NOT OBSTRUCTED AND VERIFY EACH ROOM OCCUPANCY WILL BE CORRECTLY DETERMINED BY SENSOR PLACEMENT. LOCATE SENSORS/WALL MOUNTED-DEVICES IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.



## AREA OF WORK KEYPLAN N.T.S.

## 100% CONSTRUCTION DOCUMENTS FULLY SPRINKLERED

**FULLY SPRINKLERED** Drawing Title Project Title Project Number CONSULTANTS: ARCHITECT / ENGINEERS: MILLER-REMICK CORPORA MECHANICAL RENOVATE SURGICAL Office of 581-13-101 PHASE 4B - 3RD FLOOR PLANS -**SERVICE & UPGRADE** Construction **Building Number** PF&A DESIGN **DEMOLITION AND NEW WORK OPERATING ROOMS** ARCHITECTURE, PLANNING, INTERIORS **1S** and Facilities Miller-Remick LLC
M.E.P. & Structural Engineering World Trade Center 101 West Main Street, Suite 7000 A Service Disabled Veteran Owned Approved: Medical Center Director Location HUNTINGTON, WV **Drawing Number** Management SDVOSB Norfolk, VA 23510 Phone: 757-471-0537 Fax: 757-471-4205 1010 KINGS HIGHWAY SOUTH P4B-M1.01 CHERRY HILL, NEW JERSEY 08034 Checked www.pfa-architect.com Department of Veterans Affairs FAX: (856)429-5002 10.31.2014 MPP Dwg. 066 of 178 DATE **DESCRIPTION** VA FORM 08-6231

